| 1 | ndex | of Cl | laims |  |
|---|------|-------|-------|--|
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| App | licati | on/Co | ntrol | No. |
|-----|--------|-------|-------|-----|
|-----|--------|-------|-------|-----|

10/776,143 Examiner

Xiuqin Sun

Applicant(s)/Patent under Reexamination

GROSS ET AL.

Art Unit

2863

(Through numeral) Cancelled Rejected Restricted Allowed

Non-Elected N Interference

Appeal Α 0 Objected

|          |                            |          |            |  | •        |              | '  | ,                | _        |          |
|----------|----------------------------|----------|------------|--|----------|--------------|--|------------------|----------|----------|
| Cla      | im                         | Date     |            |  |          |              |  | $\neg$           |          |          |
| Final    | Original                   | 4/20/05  |            |  |          |              |  |                  |          |          |
|          | 1                          | =        |            |  |          |              |  |                  |          | $\dashv$ |
|          | 1<br>2<br>3<br>4<br>5      | =        |            | _  |          |              |  | П                |          | $\Box$   |
|          | 3                          | =        |            |  |          |              |  |                  |          |          |
|          | 4                          | =        |            |  |          |              |  |                  |          |          |
|          | 5                          | =        |            |  |          |              |  |                  |          |          |
|          | þ                          | _        | _          | L  |          |              |  |                  |          |          |
|          | 7                          | =        |            |  |          |              | _  |                  |          | _        |
|          | 8                          | =        | _          | _  | _        | <u> </u>     | _  |                  |          |          |
| <u> </u> | 9                          | =        | <u> </u>   | _  |          | _            |  |                  | $\dashv$ |          |
| <u> </u> | 10                         | <u> </u> | -          | -  | <u> </u> | ⊢            |  | Н                | _        | $\dashv$ |
|          | 12                         | =        | -          | $\vdash$   | _        | $\vdash$     | -  | $\vdash$         | $\vdash$ | $\dashv$ |
| -        | 12                         | =        | $\vdash$   | $\vdash$   | -        | -            | $\vdash$   | $\vdash$         | $\vdash$ | $\dashv$ |
| $\vdash$ | 11<br>12<br>13<br>14<br>15 | =        | $\vdash$   | ┢  | H        | $\vdash$     | H  | $\vdash$         | $\vdash$ | $\dashv$ |
| <b></b>  | 15                         | =        | $\vdash$   | <del>                                     </del> | Н        | <u> </u>     | $\vdash$   | Н                | Н        | Н        |
| _        | 16                         | _        | Г          | Т  | Г        | Г            | Г  | $\Box$           |          | $\sqcap$ |
|          | 17                         | =        |            |  |          |              |  |                  |          |          |
|          | 18<br>19                   | =        |            | Г  |          |              | Г  |                  |          |          |
|          | 19                         | =        |            |  |          |              |  |                  |          |          |
|          | 20                         | =        |            |  |          |              |  |                  |          |          |
|          | 21<br>22                   | =        |            | <u> </u>   | L        |              | _  |                  |          | Ш        |
| <u></u>  | 22                         | =        | <u> </u>   | L  |          | _            | _  |                  |          | Ш        |
|          | 23                         | =        | _          | L  |          |              | _  |                  |          | Ш        |
|          | 24                         | =        | _          | _  | _        | <u> </u>     | <u> </u>   | _                | _        | Н        |
|          | 25                         | =        | $\vdash$   | <u> </u>   | <u> </u> | ┡            | <u> </u>   |                  |          | Н        |
| =        | <del>-28</del><br>27       | E        | <b>!</b> — |  | -        |              | $\vdash$   | -                | -        | Н        |
|          | 28                         | =        | -          | ├  | -        | ├            | ├  | _                | H        |          |
| -        | 29                         | Ē        | -          | ┢  | $\vdash$ | ┝            | $\vdash$   | _                | Η.       | Н        |
|          | 30                         | =        | ┢          | $\vdash$   | $\vdash$ | ┢            | -  |                  | Н        | Н        |
|          | 31                         | ╁        | H          | $\vdash$   | -        | $\vdash$     | H  |                  | -        | Н        |
|          | 32                         | T        |            | Т  |          | $\vdash$     | $\vdash$   |                  | Г        | М        |
|          | 33                         |          |            |  |          | Γ            | <u> </u>   |                  |          | П        |
|          | 34                         |          |            |  |          |              |  |                  |          |          |
|          | 35                         |          |            |  |          |              |  |                  | Ľ        |          |
|          | 36                         | 匚        |            | L  | L        | $oxed{\Box}$ |  | $ldsymbol{oxed}$ | L        | Ш        |
| <u> </u> | 37                         | L        | L          | _  | L        | <u> </u>     | <u> </u>   | <u> </u>         | L        | Ш        |
| <u></u>  | 38                         | <u> </u> | L          | _  | L        | <u> </u>     | <u> </u>   | <u> </u>         | <u>L</u> | Щ        |
| $\vdash$ | 39                         | ļ        | -          | <u> </u>   | -        | <u> </u>     | ⊢  | <del> </del>     | <u> </u> | Н        |
| -        | 40                         | ⊢        | -          | ⊢  | ⊢        |              | $\vdash$   | ⊢                | -        | Н        |
|          | 41                         | $\vdash$ | $\vdash$   | <del> </del> —                                   | ├        | -            | -  | ⊢                | $\vdash$ | Н        |
| $\vdash$ | 42                         | -        | -          | $\vdash$   | -        | $\vdash$     | $\vdash$   | ┢                | ⊢        | Н        |
| <u> </u> | 44                         | ╁        |            | $\vdash$   | -        | ╁            | $\vdash$   | $\vdash$         | $\vdash$ | Н        |
|          | 45                         | ╁        |            | $\vdash$   | Н        |              | <del>                                     </del> | $\vdash$         |          | H        |
| $\vdash$ | 46                         | $\vdash$ | 1          |  | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$         | $\vdash$ | Н        |
|          | 47                         | 1        | Г          | 1  | T        | T            | T  |                  | Г        | П        |
|          | 48                         |          |            |  |          |              |  |                  |          |          |
|          | 49                         |          |            |  |          |              |  |                  |          |          |
|          | 50                         |          |            |  |          |              |  | 匚                |          |          |

| Cla          | im             | Date     |          |          |        |        |   |             |          |   |
|--------------|----------------|----------|----------|----------|--------|--------|---|-------------|----------|---|
|              |                |          |          |          |        |        |   |             |          |   |
| Final        | Original       |          |          |          |        |        |   |             |          |   |
|              | 51             |          |          | $\Box$   |        |        |   |             |          |   |
|              | 52             |          |          |          |        |        |   |             |          |   |
|              | 53             |          |          |          |        |        |   |             |          |   |
|              | 54<br>55       |          |          |          | $\neg$ |        |   |             |          |   |
|              | 55             |          |          |          |        |        |   |             |          |   |
|              | 56             |          |          |          |        |        |   |             |          |   |
|              | 57             |          |          |          |        | ヿ      |   |             |          |   |
|              | 58             |          |          |          |        |        |   |             |          |   |
|              | 59             |          |          |          |        | $\neg$ |   |             |          |   |
|              | 60             |          |          |          |        |        |   |             |          |   |
|              | 61             |          |          |          |        |        |   |             |          |   |
| <b>—</b>     | 62             |          |          |          |        |        |   |             | $\neg$   | _ |
|              | 63<br>64<br>65 |          |          |          |        | _      |   |             | _        |   |
|              | 64             |          |          |          |        |        |   |             |          |   |
|              | 65             |          |          |          |        |        |   |             |          |   |
|              | 66             | _        |          |          |        |        |   |             |          |   |
|              | 67             |          |          | _        |        |        |   |             |          |   |
| <u> </u>     | 68             |          |          | _        |        |        |   |             |          |   |
| -            | 69             | _        |          | Н        | -      |        |   | H           |          |   |
| $\vdash$     | 70             |          | _        |          |        |        |   |             |          | _ |
| <b></b>      | 71             | _        |          |          | $\neg$ |        |   |             | $\vdash$ | _ |
| <del> </del> | 72             | _        | $\vdash$ |          |        |        |   |             | $\vdash$ | _ |
| -            | 71<br>72<br>73 | _        | -        | -        | -      | _      |   | _           | H        | _ |
|              | 74             | _        |          | _        |        | _      |   | _           | -        | _ |
| -            | 75             |          |          |          |        | -      | _ | _           | $\vdash$ | - |
| <b>—</b>     | 76             | Н        | $\vdash$ |          |        | -      | _ |             | $\vdash$ |   |
|              | 77             | $\vdash$ | Н        | -        |        |        |   |             |          |   |
| $\vdash$     | 78             |          | _        | _        |        |        |   |             |          |   |
|              | 79             | $\vdash$ |          | _        |        |        |   |             |          | _ |
|              | 80             | Н        |          |          |        |        |   |             |          |   |
| $\vdash$     | 81             | $\vdash$ |          | _        | _      |        |   |             |          | _ |
|              | 82             | Т        |          |          |        |        |   |             |          |   |
|              | 82<br>83       | $\vdash$ |          |          | _      |        |   | Г           | Г        |   |
|              | 84             | Т        |          |          |        |        |   |             |          |   |
|              | 84<br>85       |          |          |          |        |        |   | -           |          |   |
| <u> </u>     | 86             |          | Т        |          |        |        |   | $\vdash$    | Г        |   |
|              | 87             | _        |          |          |        | _      |   | $\vdash$    |          | _ |
|              | 88             | Т        | Г        |          |        |        |   | Г           | _        |   |
|              | 89             |          | _        |          |        | -      |   |             |          |   |
|              | 90             | Т        |          | $\vdash$ | П      |        |   | <del></del> |          |   |
|              | 91             | _        | $\vdash$ | Г        |        |        |   |             | П        |   |
|              | 92             |          |          |          |        |        |   |             |          |   |
|              | 93             | Г        |          |          |        |        |   |             |          | _ |
|              | 94             | <u> </u> | Г        | П        |        |        |   |             |          | Г |
|              | 95             | Г        |          |          |        |        | Т |             | Г        | Г |
|              | 96             | $\vdash$ |          |          |        |        |   |             |          |   |
|              | 97             |          |          |          |        |        |   | 1           | Г        |   |
|              | 98             | Г        |          |          |        | П      |   | Г           |          | Г |
|              | 99             |          |          |          |        |        | П |             |          |   |

| Cla      | aim  | Date         |              |                  |              |  |                |          |          |                 |
|----------|--|--------------|--------------|------------------|--------------|--|----------------|----------|----------|-----------------|
|          |  |              |              |                  |              |  |                |          |          |                 |
| Final    | Original   |              |              |                  |              |  |                |          |          |                 |
|          | 101  |              |              |                  |              |  |                |          |          |                 |
|          | 102  |              |              |                  |              |  |                |          |          |                 |
|          | 103  |              |              |                  |              |  |                |          |          |                 |
|          | 102<br>103<br>104<br>105<br>106                                    |              |              |                  |              |  |                |          |          | Ш               |
|          | 105  |              |              |                  |              |  | Ш              |          |          | Щ               |
| •        | 106  |              |              |                  |              |  |                |          |          | Ш               |
|          | 107  | _            |              | _                |              | H  | Н              |          | =        | -               |
|          | 108  | _            |              |                  |              | $\vdash$   | H              |          | _        | -               |
|          | 110  | <u> </u>     | _            |                  | -            | $\vdash$   |                |          |          | $\dashv$        |
|          | 109<br>110<br>111<br>112   | _            |              |                  | _            | $\vdash$   | -              |          |          |                 |
|          | 112  |              |              |                  |              | $\vdash$   |                | -        |          | $\dashv$        |
|          | 113  |              |              |                  |              |  |                |          |          | $\exists$       |
| _        | 113<br>114<br>115<br>116   | Г            | Г            |                  |              | Π  | $\Box$         |          |          | $\Box$          |
|          | 115  |              |              |                  |              |  |                |          |          |                 |
|          | 116  |              |              |                  |              |  |                |          |          |                 |
|          | 117  |              |              |                  |              |  |                |          |          | Ш               |
|          | 118  |              | L            | $oxed{oxed}$     |              | ļ  |                |          |          | Ш               |
|          | 117<br>118<br>119  | <u> </u>     | <u> </u>     | L.               |              | _  | _              |          |          | Ш               |
|          | 1 120  | <u> </u>     | <u> </u>     |                  |              | <u> </u>   |                | $\vdash$ | _        | Н               |
|          | 121  | ⊢            | <u> </u>     |                  |              | <u> </u>   | _              | H        | _        | Н               |
|          | 122  | ┝            | <del> </del> | -                |              | -  |                | H        |          | Н               |
|          | 123  | -            | ⊢            |                  | $\vdash$     | $\vdash$   |                | -        |          | $\vdash$        |
| -        | 125  | ┝            | $\vdash$     | $\vdash$         | -            | -  | -              | -        |          | $\vdash$        |
| -        | 126  | -            | $\vdash$     |                  | $\vdash$     | $\vdash$   | $\vdash$       | $\vdash$ |          | Н               |
|          | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | $\vdash$     |              |                  | $\vdash$     |  |                | $\vdash$ |          | П               |
|          | 128  |              |              |                  |              | Г  |                |          |          |                 |
|          | 129  |              |              |                  |              |  |                |          |          |                 |
|          | 130  |              |              |                  |              |  | Ĺ              |          | Ш        |                 |
|          | 131  | _            | _            |                  | L_           | _  |                | _        | _        |                 |
|          | 132  | _            |              | _                | <u> </u>     | <u> </u>   | -              | _        |          | Ш               |
|          | 133  | _            | <u> </u>     | <u> </u>         | <u> </u>     | <u> </u>   | ₩              | <u> </u> | $\vdash$ | Ш               |
|          | 132<br>133<br>134<br>135   | -            | -            | -                | -            | -  | <del> </del> — | -        | $\vdash$ | Н               |
|          | 136  | -            | ⊢            | $\vdash$         | $\vdash$     | $\vdash$   | ╁              | $\vdash$ | $\vdash$ | Н               |
|          | 137  | $\vdash$     | $\vdash$     | $\vdash$         | $\vdash$     | $\vdash$   | -              | $\vdash$ | $\vdash$ | Н               |
|          | 138  | -            | $\vdash$     | <del>  -  </del> | <del> </del> | $\vdash$   | $\vdash$       | -        | $\vdash$ | H               |
|          | 137<br>138<br>139  | $\vdash$     | Т            | $\vdash$         | Т            | <del>                                     </del> | T              | $\vdash$ |          | H               |
| Ì        | 140  |              |              |                  | Г            |  |                |          | П        | П               |
|          | 141  |              |              |                  |              |  |                |          |          |                 |
|          | 142  |              |              |                  |              |  |                |          |          |                 |
|          | 143  |              | 匚            | 匚                | Ĺ            | 匚  | 匚              | Ĺ        |          |                 |
|          | 144  | _            | _            | L                | _            | _  |                | L        | <u> </u> | Ш               |
|          | 145  | <u> </u>     | _            | <u> </u>         | _            | _  | ļ              | <u> </u> | <u> </u> | Щ               |
| -        | 146  | <del> </del> | <del> </del> | <u> </u>         | <u> </u>     | ⊢-   | <u> </u>       | -        | $\vdash$ | $\vdash \vdash$ |
|          | 147  | -            | -            |                  | ├-           | -  | -              | -        | ├        | $\vdash \vdash$ |
|          | 148  | -            | -            | <del> </del>     | $\vdash$     |  | $\vdash$       | ┝        |          | $\vdash\vdash$  |
| <u> </u> | 149  | -            | $\vdash$     | $\vdash$         | ├-           | $\vdash$   | $\vdash$       | ├-       | $\vdash$ | H               |
| Щ_       | 150  | _            | Ц_           |                  |              |  |                |          | Щ.       | ı               |